

Missouri Department of Natural Resources

## Total Maximum Daily Load Information Sheet

### Burris Fork

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#### Water Body Segment at a Glance:

<b>County:</b>	Moniteau
<b>Nearby City:</b>	California
<b>Water Body ID:</b>	968
<b>Segment Length:</b>	13.2 miles
<b>Watershed Size:</b>	89.3 square miles
<b>Pollutants:</b>	Low dissolved oxygen
<b>Source:</b>	Unknown



Statewide Map Showing Location of Watershed

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**Scheduled for TMDL development: 2021**

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#### Description of the Problem

##### Designated beneficial uses of Burris Fork:

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health (Fish Consumption)
- Secondary Contact Recreation
- Whole Body Contact Recreation – Category A

##### Uses that are impaired:

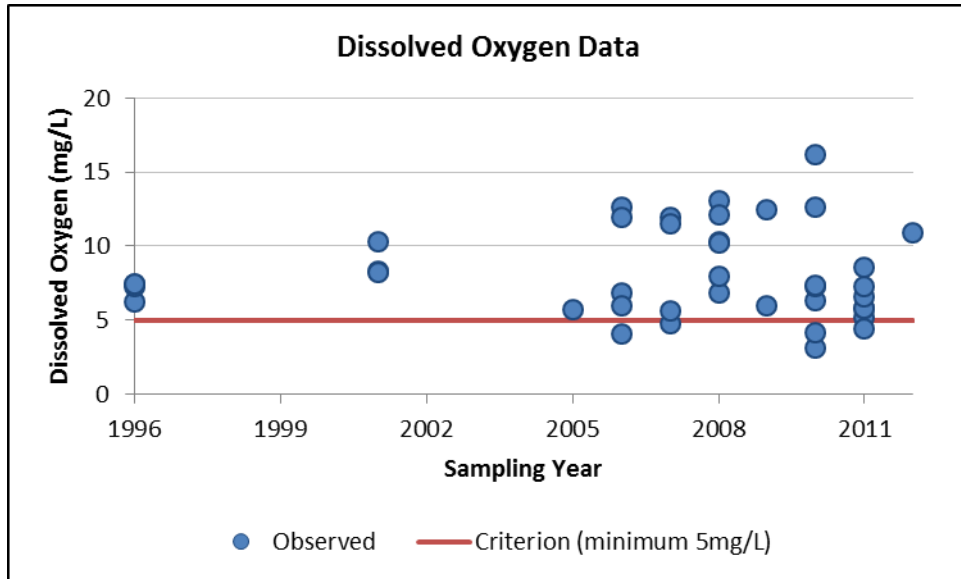
- Protection of Warm Water Aquatic Life

##### Standards that apply

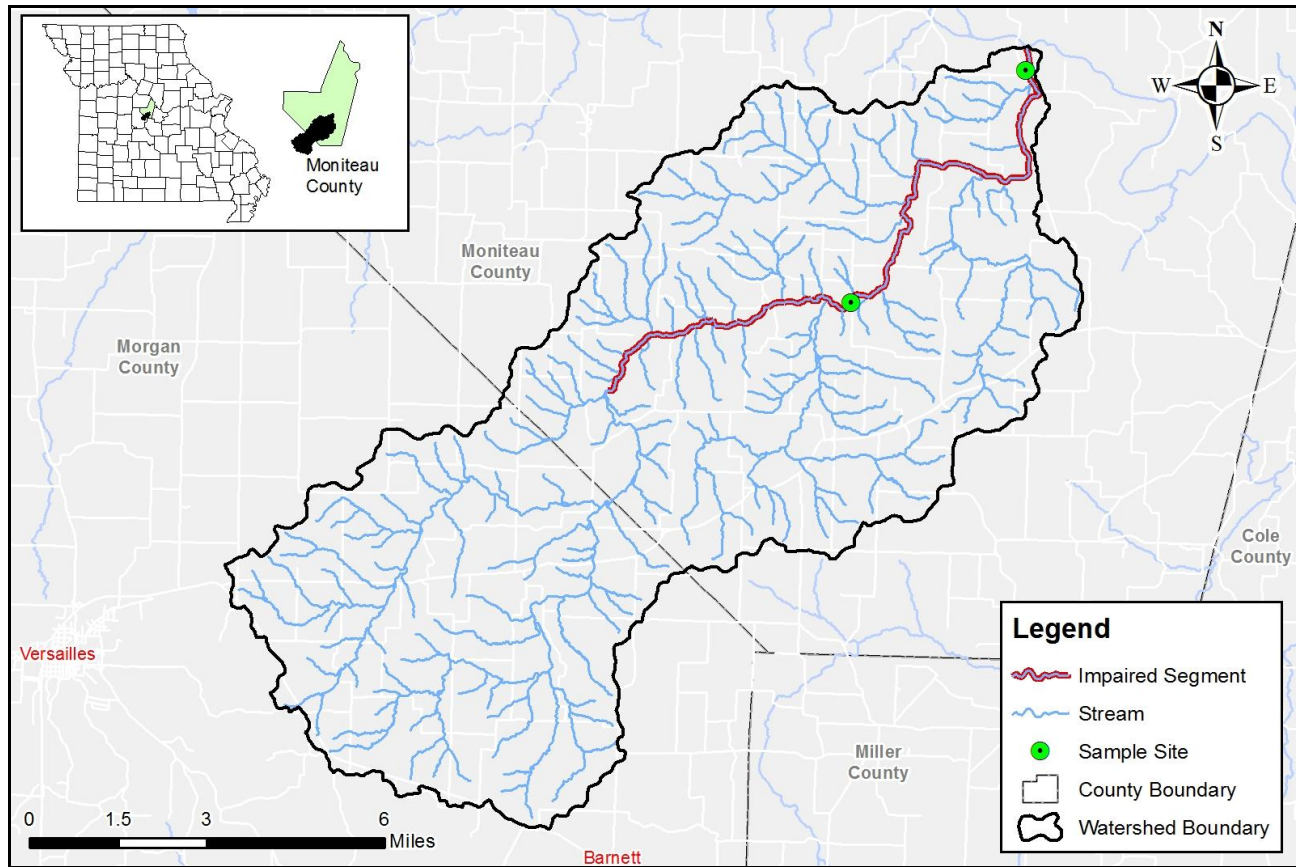
- The dissolved oxygen criterion applicable to Burris Fork is found in Table A of Missouri's Water Quality Standards at 10 CSR 20.7.031. Table A states that the minimum allowable dissolved oxygen concentration for warm-water and cool-water fisheries is 5 milligrams per liter (mg/L).

### Background information and water quality data

Burris Fork is a rural stream in Moniteau County and is a tributary of North Moreau Creek. A water is judged to be impaired due to low dissolved oxygen if ten percent or more of available dissolved oxygen measurements fall below the water quality criterion of 5 mg/L. For Burris Fork, a total of 40 dissolved oxygen measurements were made in various years from 1996 to 2011. Of these 40 measurements, five were found to be below 5 mg/L. This equates to a 12.5 percent exceedance rate. For this reason, Burris Fork was judged to be impaired due to low dissolved oxygen.



## Map Showing the Burris Fork Watershed



**Note:** Final TMDLs developed for Burris Fork will be based on the most current and available data and information.

### **For more information call or write:**

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